

WTS



**SANMINA®**

**February 2, 2018**

USEPA  
Mail Code 2254A  
International Compliance Assurance Division  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

**Attn: Director, International Compliance Assurance Division**

**Re: Hazardous Waste Annual Export Report – Reporting Year 2017**  
**HADCO-Owego Division (NYD002241982)**  
**EPA Notice ID: 014639/8E/16 and 018127/11E/17**

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Dear Sir/Madam:

In compliance with 40 CFR Sections 262.56 and 262.87(a), the following information details the hazardous waste exports from the HADCO Corporation-Owego Division facility, for calendar year 2017.

1.) **Generator:** HADCO Corporation-Owego Division  
1200 Taylor Road  
Owego, N.Y. 13827  
(607) 689-5000  
NYD002241982

2.) **Exporter:** Waste Technology Services, Inc.  
435 North 2<sup>nd</sup> Street  
Lewiston, NY 14092  
NYR000232553

3.) **Importer:** Glencore Canada Corporation  
100 King St. West, Suite 6900  
Toronto, ON  
M5X 1E3

4.) **Disposal Facility:** Glencore Canada Corporation  
156 Marcel-Baril Avenue  
Rouyn-Noranda, QC  
J9X 7C1  
116 531 4676

5.) **Waste Information:**

Waste Description: Metal Hydroxide Sludge  
EPA Waste Code: F006  
D.O.T. Shipping Name: Hazardous Waste Solid n.o.s.  
Hazard Class: 9  
D.O.T. ID. No.: NA3077  
Packing Group: III

6.) **Transporter(s):** Freehold Cartage, Inc.  
825 Highway 33  
Freehold, NJ 07728  
NJD054126164

7.) **Shipping Information:**

Total Amount of this Waste Shipped: 270 cubic yards  
Number of CY2017 Shipments: 9  
Total weight of shipments in Short Tons: 145.43  
Total weight of shipments in Metric Tons: 131.93

8.) **Waste Minimization Description:**

The request and acknowledgement allowing continued exportation of the Metal Hydroxide Sludge (MHS) has resulted in interminable direct-recycling of this material. Since 1998, HADCO has been allowed to ship the copper-rich sludge directly to smelters for metals reclaim, thus reducing overall environmental risks posed through alternative disposal methods. Improved drier efficiency led to a significant reduction in this waste stream in 2017. Furthermore, in December of 2017, Sanmina announced that the Owego Division facility would be closing in 2018. As manufacturing ramps down in 2018 as part of the closure plan, so will the production of MHS; culminating in the eventual elimination of this waste stream once operations cease.

9.) **Certification:**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals directly responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Please feel free to contact me at 607-689-5232 should any questions arise concerning this report.

Signed: Earl Kimble

Date: 2/2/18

**Report Preparer and Signatory**  
Earl Kimble  
EH&S Supervisor  
Sanmina-Owego Division

cc:

NYSDEC  
Division of Solid & Hazardous Materials  
Data Management Section  
625 Broadway, 9<sup>th</sup> Floor  
Albany, NY 12233-7250

Martin Gregg, CHMM  
Waste Technology Services, Inc.  
435 North 2<sup>nd</sup> Street  
Lewiston, NY 14092

### Shipments of Hazardous Waste Exported

Calendar Year: 2017

Generator ID #: NYD002241982

Waste Description: Metal Hydroxide Sludge (MHS)

Shipped To: Glencore Canada Corporation  
156 Marcel-Baril Avenue  
Rouyn-Noranda, Quebec  
J9X 7C1

Source of Generation: Wastewater Treatment Process

Treatment Method: Metals Reclamation (Smelting)

Container: 30 Cubic Yard Roll-off

Date	Manifest Tracking #	U N Identification	Description	HazWasteCode	Weight (lbs)	US tons	Metric tons
1/10/2017	012518308 JJK	NA3077	MHS	F006	30,959	15.48	14.04
1/24/2017	012518309 JJK	NA3077	MHS	F006	30,776	15.39	13.96
2/28/2017	012518310 JJK	NA3077	MHS	F006	32,840	16.42	14.90
4/5/2017	012518311 JJK	NA3077	MHS	F006	31,526	15.76	14.30
5/10/2017	012518312 JJK	NA3077	MHS	F006	31,579	15.79	14.32
6/7/2017	012518313 JJK	NA3077	MHS	F006	38,073	19.04	17.27
7/10/2017	012518314 JJK	NA3077	MHS	F006	31,239	15.62	14.17
7/12/2017	012518315 JJK	NA3077	MHS	F006	34,568	17.28	15.68
8/9/2017	012518316 JJK	NA3077	MHS	F006	29,299	14.65	13.29
				Totals:	290,859	145.43	131.93